

Appendix table 2-45.

Doctoral S&E degrees earned by foreign students in selected industrialized countries: 1998 or 1999

Country and field	Total	Foreign	Percent foreign
France (1998)			
Total	10,582	2,622	24.8
Total S&E	7,772	1,784	23.0
Natural sciences	3,924	672	17.1
Mathematics/computer sciences ...	845	262	31.0
Agricultural sciences	179	37	20.7
Social and behavioral sciences ...	972	262	27.0
Engineering	1,852	551	29.8
Non-S&E	2,810	838	29.8
Germany (1999)			
Total	24,545	1,739	7.1
Total S&E	11,984	991	8.3
Natural sciences	6,271	461	7.4
Mathematics/computer sciences ...	980	85	8.7
Agricultural sciences	522	100	19.2
Social and behavioral sciences ...	1,982	124	6.3
Engineering	2,229	221	9.9
Non-S&E	12,561	748	6.0
Japan (1998)			
Total	8,543	NA	NA
Total S&E	4,436	1,169	26.4
Natural sciences	1,163	NA	NA
Mathematics/computer sciences ...	NA	NA	NA
Agricultural sciences	694	NA	NA
Social and behavioral sciences ...	229	NA	NA
Engineering	2,350	NA	NA
Non-S&E	4,107	NA	NA
United Kingdom (1999)			
Total	NA	NA	NA
Total S&E	7,386	2,469	33.4
Natural sciences	3,668	859	23.4
Mathematics/computer sciences ...	680	258	37.9
Agricultural sciences	325	162	49.7
Social and behavioral sciences ...	907	397	43.8
Engineering	1,805	793	43.9
Non-S&E	NA	NA	NA
United States (1999)			
Total	41,140	11,368	27.6
Total S&E	25,953	8,886	34.2
Natural sciences	9,989	3,413	34.2
Mathematics/computer sciences ...	1,935	912	47.1
Agricultural sciences	965	510	52.8
Social and behavioral sciences ...	7,727	1,459	18.9
Engineering	5,337	2,592	48.6
Non-S&E	15,187	2,482	16.3

NA = not available

NOTES: Foreign students in the United States include those on permanent and temporary visas. Natural sciences include physics, chemistry, astronomy, and earth, atmospheric, ocean, and biological sciences.

SOURCES: France—Ministère de l'Éducation Nationale, de la Recherche et de la Technologie, *Rapport sur les Études Doctorales*, (Paris, 2000) and unpublished tabulations; Germany—Statistisches Bundesamt Wiesbaden, *Prüfungen an Hochschulen 1999* (Wiesbaden, 2000); Japan—Ministry of Education, Science and Culture (Monbusho), *Monbusho Survey of Education* (Tokyo); United Kingdom—Higher Education Statistics Agency, (Cheltenham, 2001) unpublished tabulations; United States—National Science Foundation, Division of Science Resources Studies (NSF/SRS), *Science and Engineering Doctorate Awards: 1999*, NSF 01-314 (Arlington, VA, 2001) and Survey of Earned Doctorates, unpublished tabulations.